Issue Classification	Application/Control No.	Applicant(s)/Patent under Reexamination	
	10/677,639	MCMACKIN ET AL.	
	Examiner	Art Unit	
	Douglas J. Theisen	1724	

ISSUE CLASSIFICATION

ORIGINAL CLASS	ORIGINAL SUBCLASS		CROSS REFERENCE(S) CLASS	CROSS REFERENCE(S) SUBCLASS (ONE SUBCLASS PER BLOCK)						
95	246		95	263						
INTERNATIONAL CLASSIFICATION			96	193	202					
B01D	19100		427	350	377					
	1		264	85	102					
	1		430	327						
	1		438	909						
	1		425	210	815	dig, 60				

Douglas J Theisen 10/5/05
(Assistant Examiner) (Date)

T. Woodruff 10/17/05
(Legal Instruments Examiner) (Date)

DUANE SMITH
PRIMARY EXAMINER

(Primary Examiner) D — (Date) 10-6-05

Total Claims Allowed: 30

O.G. Print Claim(s)	O.G. Print Fig.
1	2

☑ Claims renumbered in the same order as presented by applicant ☐ CPA ☐ T.D. ☐ R.1.47

Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original
1	1	25	31		61		91		121		151		181
2	2	26	32		62		92		122		152		182
	~~3~~	27	33		63		93		123		153		183
3	4	28	34		64		94		124		154		184
4	5	29	35		65		95		125		155		185
	~~6~~	30	36		66		96		126		156		186
	~~7~~		37		67		97		127		157		187
	~~8~~		38		68		98		128		158		188
5	9		39		69		99		129		159		189
6	10		40		70		100		130		160		190
7	11		41		71		101		131		161		191
8	12		42		72		102		132		162		192
9	13		43		73		103		133		163		193
10	14		44		74		104		134		164		194
11	15		45		75		105		135		165		195
12	16		46		76		106		136		166		196
	~~17~~		47		77		107		137		167		197
13	18		48		78		108		138		168		198
14	19		49		79		109		139		169		199
15	20		50		80		110		140		170		200
16	21		51		81		111		141		171		201
17	22		52		82		112		142		172		202
18	23		53		83		113		143		173		203
	~~24~~		54		84		114		144		174		204
19	25		55		85		115		145		175		205
20	26		56		86		116		146		176		206
21	27		57		87		117		147		177		207
22	28		58		88		118		148		178		208
23	29		59		89		119		149		179		209
24	30		60		90		120		150		180		210